

ABSTRACT OF THE DISCLOSURE

A leaky coaxial cable is arranged to meander on
a ceiling of an indoor space where a wireless LAN is
to be worked. One end of the leaky coaxial cable is
5 connected to a wireless base station unit and the other
end thereof is connected to a terminator. The wireless
base station unit makes wireless communication with a
wireless terminal unit through the leaky coaxial cable
by modulation and demodulation in orthogonal frequency
10 division multiplex modulation (OFDM).